3. Thein Dam (Ranjit Sagar)

4. Upper Bari Doab Canal (UBDC) Stage-II

5. Shahpurkandi

In an agreement signed between the Chief Ministers of Rajasthan, Haryana and Governor of Punjab and Government of India on 10.05.1984 regarding the supply of cooling water for Roper Thermal Power Station, it had *inter-alia* been decided to make a reference to the Supreme Court on the claims of Haryana and Rajasthan to a share in the power generated by the above mentioned five projects.

(c) The reference to the Supreme Court has not been made. The subject was discussed in the meetings of the Northern Zonal Council held in October, 1997 and February, 1999. An official level preparatory meeting for a meeting of the Chief Ministers has been held thereafter.

Mega power projects of NTPC in Rajasthan

3284. SHRI SANTOSH BAGRODIA: Will the Minister of POWER be pleased to state:

(a) the mega power projects of NTPC in progress for increasing power production in Rajasthan;

(b) when are they scheduled to be completed; and

(c) how are they being financed?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) National Thermal Power Corporation (NTPC) has no mega power project, in progress, at present in Rajasthan.

(b) and (c) Do not arise.

Requirement, availability and shortage of power in country

3285. SHRI BALWANT SINGH RAMOOWALIA: Will the Minister of POWER be pleased to state:

(a) the total requirement, availability and shortage of power as on 31st January, 2002 in the country, State-wise;

(b) the steps taken/proposed to be taken by Government during the 10th Five Year Plan to meet these shortages;

(c) whether the requirement of power in Punjab be met during the year 2002-2003 from the present power plants in the State; and

(d) whether Government have taken any final decision with regard to private sector's participation in power generation in the country as a whole and particularly in Punjab?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) State-wise requirement, availability and shortage of power for the period April, 2001-January, 2002 in the country is given in Statement. (*See* below)

(b) Based on discussions with various State Electricity Boards and Central Power Sector Utilities and also keeping in view the various constraints faced by project authorities, the Working Group on Power for the 10th Plan, has assessed a feasible capacity addition of 46,939 MW during 10th Plan period. Besides capacity addition, the following measures are proposed to be taken during 10th Five Year Plan to meet the power requirement:

(i) Demand side management.

(ii) Transfer of power from surplus regions to deficit regions/areas.

(iii) Reduction in T&D losses by strengthening/augmentation of transmission and distribution network. Funds are being provided under APDP for this purpose.

(iv) Encouragement to non-conventional energy sources.

(c) During the year 2001-2002, Punjab experienced an energy shortage of 4.7 per cent and is likely to face shortage during the year 2002-03, as well.

(d) The Government has allowed participation of the Private Sector in power generation in the country, including Punjab.

Statement

Actual Power Supply Position

Regions/State/ System	(All figures in MU net) Energy April, 2001-January, 2002				(All figures in MW net) Peak April, 2001-January, 2002			
	Require-ment	Availa-bility	Shortage (-)Deficit (+) Surplus	%	Peak Demand	Peak Met	Peak short-age	% short-age
Northern Region								
Chandigarh	959	957	2	0.2	180	180	0	0
Delhi	16500	15986	514	3.1	3118	2879	239	7.7
Haryana	15320	15078	242	1.6	3000	2900	100	3.3
Himachal Pradesh	2752	2700	52	1.9	562	562	0	0
Jammu & Kashmir	5439	4824	615	11.3	1209	909	210	17.4
Punjab	24805	23640	1165	4.7	5420	4936	484	8.9
Rajasthan	20413	20200	213	1	3603	3603	0	0
Uttar Pradesh	40628	36539	4089	10.1	7584	6887	697	9.2
N.R.	**26816**	**119924**	**6892**	**5.4**	**23200**	**21346**	**17801**	**3021**
Western Region								
Chhattisgarh	6602	6400	202	3.1	1357	1311	46	3.4
Gujarat	44359	39327	5032	11.3	7974	6700	1274	16
Madhya Pradesh	25643	21793	3850	15	5683	4457	1226	21.6
Maharashtra	66525	60687	5838	8.8	12200	10458	999	9.4
Goa	1475	1475	0	0	316	316	0	0
W.R	**144604**	**129682**	**14922**	**10.3**	**26510**	**22024**	**67793**	**9209**
Southern Region								
Andhra Pradesh	39400	36115	3285	8.3	7622	6283	1339	17.6
Karnataka	26509	23268	3241	12.2	5321	4257	4064	20
Kerala	10990	10232	758	6.9	2606	2189	417	16
Tamil Nadu	38372	35740	2632	6.9	6900	5843	1057	15.3
S.R	**115271**	**105355**	**9916**	**8.6**	**21804**	**17801**	**4003**	**18.4**
Eastern Region								
Bihar	7831	7483	348	4.4	1356	1288	68	5
D.V.C	6992	6992	0	0	1296	1209	87	6.7
Orissa	10227	10227	0	0	2034	1952	82	4
West Bengal	17229	17170	59	0.3	3614	3414	200	5.5
Sikkim	0	0	0	0				
E.R.	**42279**	**41872**	**407**	**1**	**7940**	**7648**	**292**	**3.7**
North-East Region								
Arunachal Pradesh	112.1	110.3	1.8	1.6	50	50	0	0
Assam	2922.3	2898.9	23.4	0.8	688	618	70	10.2
Manipur	377.3	362.3	15	4	93	94	4	4.1
Meghalaya	562.3	567.2	-4.9	-0.9	165	160	5	3
Mizoram	234.5	230.3	4.2	1.8	75	73	2	2.7
Nagaland	219.4	218.5	0.9	0.4	61	58	3	4.9
Tripura	544.9	515.6	29.3	5.4	156	140	16	10.3
N.E.R	**4973**	**4903**	**70**	**1.4**	**1148**	**1008**	**140**	**12.2**
ALL INDIA :	**433943**	**401736**	**32207**	**7.4**	**77956**	**68209**	**9747**	**12.5**